

Converting Colors

XYZ(41.5938, 43.6477, 46.7060)

Have a look what the booklet for
XYZ(41.5938, 43.6477, 46.7060)
contains.

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Color

**XYZ(41.6233, 43.6108,
46.7814)**

Conversions

Conversions Part 1

Format	Color
Hex	B2B0AF
RGB	178, 176, 175
RGB Percent	70%, 69%, 69%
CMY	0.3020, 0.3098, 0.3137
CMYK	0.00, 0.01, 0.02, 0.30
HSL	20°, 2%, 69%
HSV	20°, 2%, 70%
XYZ	41.6233, 43.6108, 46.7814
YIQ	176.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

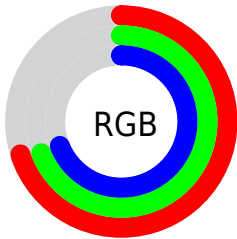
Format	Color
RYB	178, 177, 175
Decimal	11710639
CIELab	71.97, 0.53, 0.75
CIELCh	72, 0.918, 55.080
Yxy	43.6108, 0.3153, 0.3303
Android (android.graphics.Color)	4289900719 (0xFFB2B0AF)
YUV	176.4840, -0.7316, 1.3295
Hunter-Lab	66.0385, -3.0608, 4.2261

Details

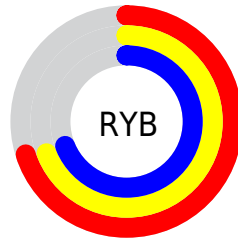
The XYZ color **41.6233, 43.6108, 46.7814** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4372, 43.7720, 48.3849**, and the grayscale version is **41.5237, 43.6862, 47.5743**.

A 20% lighter version of the original color is **77.0712, 80.9188, 86.4197**, and **19.2402, 20.2053, 21.6248** is the 20% darker color. If you saturate the color by 10%, you get **37.7668, 38.5131, 37.4317**, and if you desaturate by 10%, it is **45.9156, 49.2100, 57.4145**.

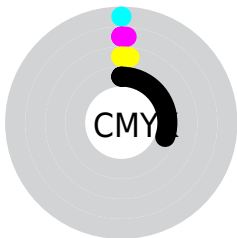
Distribution



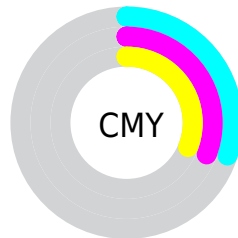
- Red (70%)
- Green (69%)
- Blue (69%)



- Red (70%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6233, 43.6108, 46.7814 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 41.6233, 43.6108, 46.7814 by changing the saturation by 10% instead.

■ 41.6233, 43.6108,
46.7814

■ 41.6233, 43.6108,
46.7814

343.9372,
361.1177, 390.3098

■ 28.9963, 30.3647,
32.5098

■ 76.8979, 80.6318,
86.7338

■ 19.2223, 20.1155,
21.4831

100.2762,
105.1754, 113.2516

■ 11.9359, 12.4791,
13.2829

127.9690,
134.2536, 144.6886

■ 6.7720, 7.0708,
7.4907

160.3416,
168.2508, 181.4633

■ 3.3650, 3.5064,
3.6877

197.7593,
207.5515, 223.9942

■ 1.3496, 1.4015,
1.4556

240.5876,

■ 0.2199, 0.2178,

252.5399, 272.6999

0.1846

289.1918,
303.6005, 327.9989

■ 0.0000, 0.0000,
0.0000

■ 41.6233, 43.6108,
46.7814

■ 41.6233, 43.6108,
46.7814

■ 37.7668, 38.5131,
37.4317

■ 45.9156, 49.2100,
57.4145

■ 34.3282, 33.8975,
29.3136

■ 50.6534, 55.3184,
69.3742

■ 31.2939, 29.7512,
22.3762

■ 55.8507, 61.9507,
82.7055

■ 28.6481, 26.0589,
16.5637

■ 61.5198, 69.1192,
97.4501

■ 26.3738, 22.8045,
11.8159

■ 66.1890, 76.2424,
105.8355

■ 24.4528, 19.9708,
8.0669

■ 69.6998, 83.2640,
107.0057

■ 22.8650, 17.5393,
5.2434

■ 72.1704, 88.2051,
107.8293

■ 21.5880, 15.4901,
3.2617

■ 20.5961, 13.8010,
2.0228

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.7240, 43.6108, 47.1203



41.6233, 43.6108, 46.7814



41.4766, 43.6108, 46.6310

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.6233, 43.6108, 46.7814



41.1516, 43.6108, 47.4109



41.5785, 43.6108, 48.2698

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.6233, 43.6108, 46.7814



41.4372, 43.7720, 48.3849

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.4249, 43.6108, 48.3488



41.6233, 43.6108, 46.7814



41.1787, 43.6108, 47.8511

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.6233, 43.6108, 46.7814



41.2044, 43.6108, 46.9930



41.2787, 43.6108, 48.1951



41.6981, 43.6108, 47.9799

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.6233, 43.6108, 46.7814



41.3725, 43.6108, 46.6572



41.2787, 43.6108, 48.1951



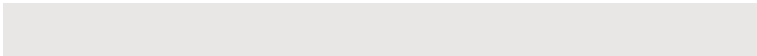
41.5291, 43.6108, 48.3220

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.6245, 43.6127, 46.7823



75.9776, 79.7375, 86.0503



41.6265, 43.2999, 47.7594



16.8417, 17.6775, 19.0862



86.6293, 91.1408, 99.2523



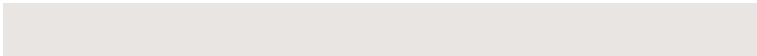
17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.6245, 43.6127, 46.7823



75.2251, 78.7498, 84.2048



41.9197, 44.2029, 46.8807



9.3780, 9.8216, 10.5182



14.3277, 9.1539, 1.0117



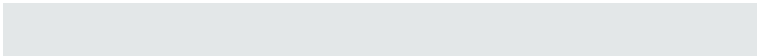
0.5059, 0.3982, 0.0502

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41.4372, 43.7720, 48.3849



74.8160, 79.0978, 87.7054



41.1432, 43.1839, 48.2869



9.3313, 9.8613, 10.9179



10.4855, 11.7714, 31.8565



0.3809, 0.4724, 1.0193

Previews

White Background



This preview shows how the XYZ color 41.6233, 43.6108, 46.7814 looks on a white background.

Color Contrast Check

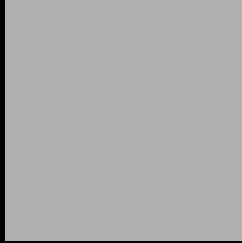
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 41.6233, 43.6108, 46.7814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

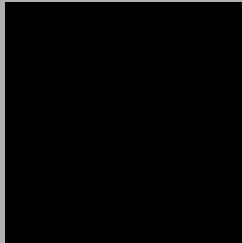
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

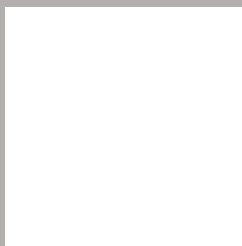
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6233, 43.6108, 46.7814

Background



This preview shows how black text looks on a background with the XYZ color 41.6233, 43.6108, 46.7814.



This preview shows how white text looks on a background with the XYZ color 41.6233, 43.6108,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.6233, 43.6108, 46.7814

Protanopia

41.8902, 43.4584, 46.7379

Deuteranopia

44.3917, 43.5979, 47.1498



Tritanopia

43.0355, 43.6062, 53.7256

Trichromacy



Original Color

41.6233, 43.6108, 46.7814

Protanomaly

41.6582, 43.3388, 46.7270

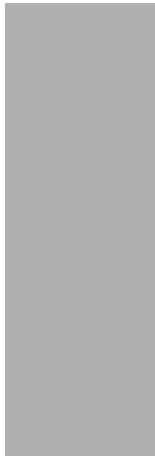
Deuteranomaly

43.5191, 43.7131, 47.2181

Tritanomaly

42.4676, 43.6625, 50.9892

Monochromacy



Original Color

41.6233, 43.6108, 46.7814

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.4933, 43.5324, 47.2900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6233, 43.6108, 46.7814 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(178, 176, 175)` looks like.

```
.text, #text, p{  
    color:rgb(178, 176, 175)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(178, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 176, 175) }
```

Border

The CSS property to change the border of an element to XYZ 41.6233, 43.6108, 46.7814 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 176, 175) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(178, 176, 175) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(178, 176, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(178, 176,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6233, 43.6108, 46.7814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 176, 175) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(178,  
176, 175) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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